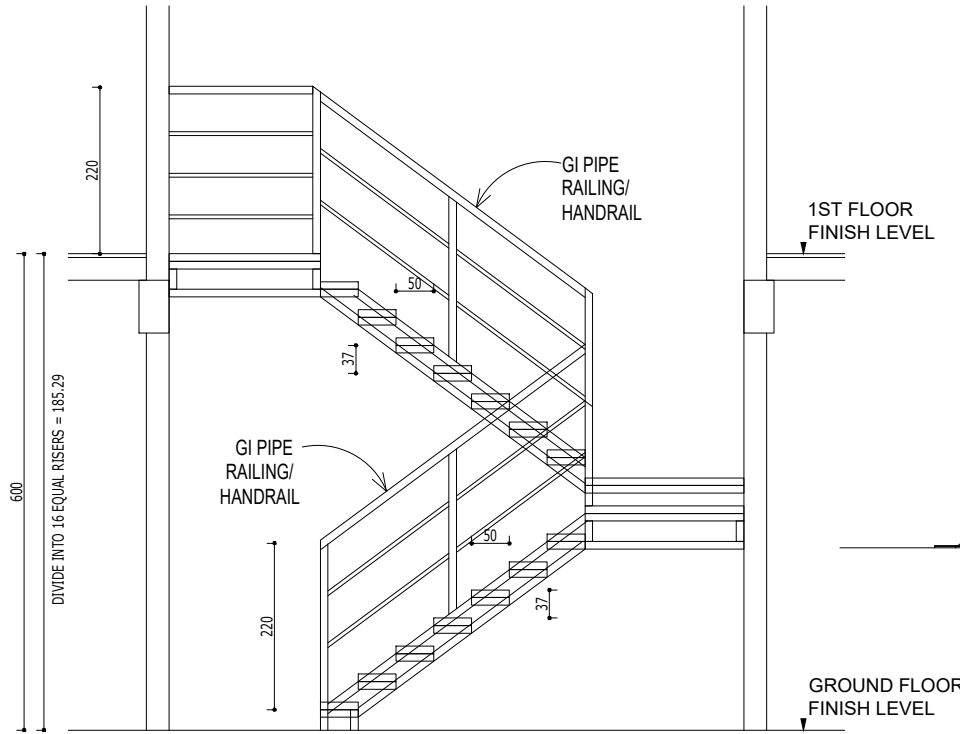


STAIR DETAILS

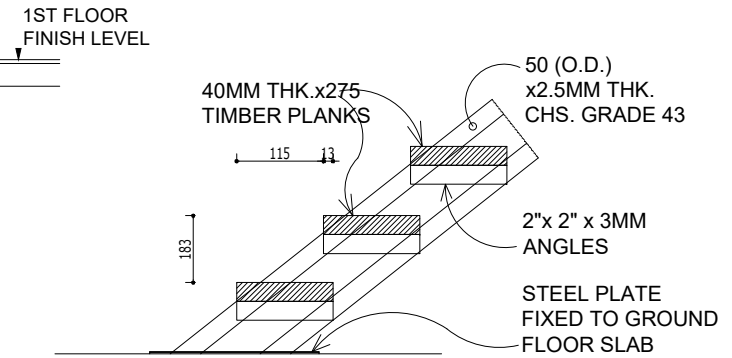
SCALE 1:100



STAIR SECTION STR1 - STR1

SCALE 1:100

STAIR DETAIL



TREAD & RISER DETAIL

SCALE 1:20

Technical Notes:

Structural elements are calculated and designed with following characteristics:

Foundation: Foundations are designed with plinths:

- Concrete C-25/30 ($f_{ck}=25000\text{kN/m}^2$) with safety factor $\gamma_c=1.5$
- Reinforcement S460A ($f_{yk}=460\text{N/mm}^2$) with safety factor $\gamma_s=1.15$

Concrete Walls & Columns: All walls & columns are designed with:


- Concrete C-25/30 ($f_{ck}=25000\text{kN/m}^2$) with safety factor $\gamma_c=1.5$
- Reinforcement S460A ($f_{yk}=460\text{N/mm}^2$) with safety factor $\gamma_s=1.15$


Concrete Beams: Beams for all storeys are designed with:

- Concrete C-25/30 ($f_{ck}=25000\text{kN/m}^2$) with safety factor $\gamma_c=1.5$
- Reinforcement S460A ($f_{yk}=460\text{N/mm}^2$) with safety factor $\gamma_s=1.15$

Concrete Slab: Slabs for all storeys are designed with:

- Concrete C-25/30 ($f_{ck}=25000\text{kN/m}^2$) with safety factor $\gamma_c=1.5$
- Reinforcement S460A ($f_{yk}=460\text{N/mm}^2$) with safety factor $\gamma_s=1.15$

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		Name		
Designed	Qinami		April 2018	
Drafted	Qinami		April 2018	
Checked			April 2018	
Project No.	213 - 68524			

Client	Ministry of Environment and Energy 		
Project Title	Consultancy Services for Feasibility Study for an Integrated Solid Waste Management System for Zone III (including Greater Malé) and Preparation of Engineering Design of the Regional Waste Management Facility at Thilafushi		
Design phase	Detailed Design Harbour Rehabilitation		
Contents	Workshop Building - Stair Detail		
Scale	1 : 100, 1 : 20		
Drawing No.	4.2.12	Paper	A3